

**Amendments to the Specification:**

Please delete the title on page one and replace with the following title:

~~METHOD AND PRODUCT FOR THE SEQUENCE DETERMINATION OF PEPTIDES  
USING A MASS SPECTROMETER~~

METHOD FOR DETECTING POST-TRANSLATION MODIFICATIONS OF PEPTIDES

Please replace the first paragraph of the specification, beginning on page 1, line 5, with the following amended paragraph (amended from the Preliminary Amendment of March 2, 2004, on page 2):

This application is a continuation of copending application US Patent Application No. 09/828,326, filed April 5, 2001, now Patent No. 6,750,061, which is a continuation of US Patent Application No. 08/341,555, filed June 24, 1996 now U.S. Patent 6,271,037, which is a continuation-in-part of US Patent Application No. 07/891,177, filed May 29, 1992, and is related to PCT/US93/05070 filed May 27, 1993. This application claims priority to each of the related applications and each of the related applications is incorporated by reference herein.

Please replace the paragraph beginning on page 8, line 10 of the specification, with the following (amended from the Amendment of July 21, 2004, on page 3):

--Fig. 9 (a and b) is the spectrum of the mixture 66-33 (SEQ ID NOS: 2 and 3) obtained in Example 2.--